

ABSTRACT

The present invention provides a photoelectric sensor which is easy to adjust plural photoelectric sensors including itself so as to have similar detection characteristics and, also, easy to set an evaluation reference such as a threshold value for a detection value in a case where a single photoelectric sensor is used alone. The photoelectric sensor includes: a light projection unit having a light emission element for emitting detection light to a detection region; a light reception unit having a light reception element receiving light from the detection region to obtain a detection value corresponding to an amount of received light; a target value storage unit for storing an adjustment target value for a detection value; a sensitivity adjustment unit for adjusting a power of the detection light emitted from the light projection unit and/or a conversion factor from the amount of received light in the light reception unit to the detection value, thereby matching the detection value with the target value; and an adjustment instruction unit for instructing execution of adjustment to the sensitivity adjustment unit.